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wherein said plastic composite material is filled with viscoelastic damping particles and anisotropic reinforcing agents.

B2

5. (Twice Amended) The substrate of claim 1 wherein said anisotropic reinforcing agents are selected from carbon fibers, glass fibers, and any combinations thereof.

sub D3  
B3

14. (Twice Amended) A substrate for use in a data storage system, comprising:

at least one core layer made of a plastic or plastic composite material; and

at least one skin layer made of a plastic or plastic composite material, and formed atop at least one surface of said core layer, wherein at least one of said core or skin layers exhibit a modulus of 350 kpsi or greater, and wherein the plastic or plastic composite material is filled with viscoelastic damping particles and anisotropic reinforcing agents.

B4

17. (Twice Amended) The substrate of claim 16 wherein said anisotropic reinforcing agent is selected from carbon fibers, glass fibers, and any combinations thereof.

sub D6  
B6

19. (Twice Amended) An apparatus, comprising:

a disk drive spindle motor; and

at least one data storage disk mounted on said disk drive spindle wherein said storage disk comprises at least one plastic composite material exhibiting a modulus of about 350 kpsi or greater, and wherein said plastic composite material is filled with viscoelastic damping particles and anisotropic reinforcing agents.